

IN THE CLAIMS:

Please CANCEL claims 1-3, 5-7 and 19-21, without prejudice or disclaimer.

1. (CANCELED)
2. (CANCELED)
3. (CANCELED)
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8. (PREVIOUSLY PRESENTED) A method comprising:
selecting object-oriented data in an object model by a user, the selected data being stored in a database by the object model;
automatically extracting the selected data from the database by directly extracting the selected data from the object model using an object query language corresponding to the object model;
automatically building tables for the extracted data in accordance with metadata for the extracted data, the tables being tables for a target relational database; and
automatically inserting the extracted data into the tables using a query language corresponding to the tables and which is different from the object query language.

9. (ORIGINAL) A method as in claim 8, further comprising:
automatically loading the tables with the inserted data into the target relational database.

10. (ORIGINAL) A method as in claim 8, further comprising:
automatically generating queries in the object query language corresponding to the object model, for extracting the selected data.

11. (PREVIOUSLY PRESENTED) A method comprising:
selecting object-oriented data in an object model by a human user via a graphical user interface (GUI), the selected data being stored in a database by the object model;

automatically constructing commands in an object query language corresponding to the object model to extract the selected data from the object model;

automatically extracting the selected data from the database by directly extracting the selected data from the object model using the constructed commands;

automatically building tables for the extracted data in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

automatically inserting the extracted data into the tables using a query language corresponding to the tables and which is different from the object query language.

12. (ORIGINAL) A method as in claim 11, further comprising:

automatically loading the tables with the inserted data into the target relational database.

13. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a human user, the selected data being stored in a database by the object model;

extracting the selected data from the database by directly extracting the selected data from the object model by a computer using an object query language corresponding to the object model;

building tables for the extracted data by a computer in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

inserting the extracted data into the tables by a computer using a query language corresponding to the tables and which is different from the object query language.

14. (ORIGINAL) A method as in claim 13, further comprising:

loading the tables with the inserted data into the target relational database by a computer.

15. (ORIGINAL) A method as in claim 13, further comprising:

automatically generating queries in the object query language corresponding to the object model, for extracting the selected data.

16. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a human user via a graphical user

interface (GUI), the selected data being stored in a database by the object model;

constructing commands by a computer in an object query language corresponding to the object model to extract the selected data from the object model;

extracting the selected data from the database by a computer by directly extracting the selected data from the object model using the constructed commands;

building tables for the extracted data by a computer in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

inserting the extracted data into the tables by a computer using a query language corresponding to the tables and which is different from the object query language.

17. (PREVIOUSLY PRESENTED) An apparatus comprising:

an object model;

a relational database, the object model storing data in the relational database;

a selection device in which a human user selects data to be extracted from the object model and which is stored by the object model in the relational database;

a computer-implemented engine automatically extracting the selected data from the relational database by directly extracting the selected data from the object model via an object query language, automatically building relational database tables for the extracted data and automatically inserting the extracted data into the tables; and

a database management system loading the tables with the inserted data into the relational database.

18. (ORIGINAL) An apparatus as in claim 17, wherein the selection device is one of the group consisting of a graphical user interface and a control table.

19. (CANCELED)

20. (CANCELED)

21. (CANCELED)